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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	10/792,376
Filing Date	03/04/2004
First Named Inventor	Vladimir SABETSKY
Group Art Unit	Unassigned 1154
Examiner Name	Unassigned Hemant Khanna
Attorney Docket Number	028093-0113

AUG 20 2004

U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HK	B1	4,963,526	A	ECANOW	10-16-1990	
HK	B2	5,849,884	A	WOISZWILLO, BROWN et al.	12-15-1998	
HK	B9	2004/0048782	A1	BRYSON	3-11-04	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
HK	B3	EP	1 371 364	A	OCTOPLUS B.V.	12-17-2003		
HK	B4	WO	87/02704	A	ROBINSON	05-07-1987		
HK	B5	WO	99/02107	A	US BIOMATERIALS CORPORATION	01-21-1999		
HK	B6	WO	02/28374	A1	FLAMEL TECH SA	04-11-2002		
HK	B7	WO	02/39985	A	BIOGLAN AB	05-23-2002		

NON PATENT LITERATURE DOCUMENTS

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HK	B8	SOON-SHIONG, "Encapsulated islet cell therapy for the treatment of diabetes: Intraperitoneal injection of islets," <u>Journal of Controlled Release</u> , May 1, 1996, pp. 399-407, Vol. 39, No. 2, Elsevier Science Publishers B.V., Amsterdam, NL	

Examiner Signature	/Hemant Khanna/	Date Considered	11/20/2006
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HK	A14	Griffith L. Acta Mater. 48 (2000): 263-277	Y
HK	A15	Angelova N. and Hunkeler D., TIBTECH, 17 (1999): 409-421	Y
HK	A16	Tirrell M., Kokkoli E., Biesalski M., Surface Science 500 (2002): 61-83	Y
HK	A17	Madsen S., Moony D., PSTT 11 (2000): 381-384	Y

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Date Submitted: 4/21/04 (use as many sheets as necessary)				Filing Date	3/4/04
				First Named Inventor	Vladimir SABETSKY
				Group Art Unit	Unassigned 1654
				Examiner Name	Hemant Khanna
Sheet	2	of	3	Attorney Docket Number	028093-0113

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HK	A18	Eliaz R., Szoka F., Gene Therapy 9 (2002): 1230-1237		Y
HK	A19	Blain J.F., Maghni K., Pelletier S. and Sirois P. Inflamm. Res. 48 (1999): 386-392		Y
HK	A20	Crystallized carbohydrate spheres as a slow release matrix for biologically active substances, Ulf Schroder, Biomaterials 1984, Vol. 5 March		Y
HK	A21	Crytallized Carbohydrate Spheres for Slow Release and Targeting, Ulf Schroder, Methods in Enzymology, Vol. 12		Y
HK	A22	Surfactant-Free Preparation of Biodegradable Hydrogel Microspheres for Protein Release, Yasuhiko Tabata, et al., Journal of Bioactive and Compatible Polymers, Vol. 14-September 1999		Y
HK	A23	Partitioning in Aqueous Two-Phase Systems. A comprehensive bibliography in three parts: (1956-1984; 1985-1990; 1991-present) Part III: 1991-present Part II: 1985-1990		Y
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HK	A25	Regulated insulin release from biodegradable dextran hydrogels containing poly(ethylene glycol), Kazuteru Moriyama, et al., Journal of Controlled Release 42 (1996) 237-248		Y
HK	A26	Lantus Prescribing Information – Aventis Pharmaceuticals (http://www.aventis-us.com/PIs/lantus_TXT.html visited 2/23/04)		Y
HK	A27	Sephadex-based cell-affinity adsorbents: preparation and performance, Geert Besselink, et al, Biotechnol., Appl. Biochem. 35 (2002), 55-60		Y
HK	A28	Formation of dextran hydrogels by crystallization, R.J.H. Stenekes, et al., Biomaterials 22 (2001) 1891-0898		Y
HK	A29	Enhanced Loading and Activity Retention of Proteins in Hydrogel Delivery Systems, S.H. Gehrke, et al, Proceed. Intern. Symp. Control. Rel. Bioact. Mater., 22 (1995), Controlled Release Society, Inc., p. 145-146		Y
HK	A30	Amidon GL, Lee HJ, Absorption of Peptide and Peptidomimetic Drugs, Ann. Rev. Pharmacol. Toxicol 1994; 34: 321-41		Y
HK	A31	Abstract, Pharmacological Management of Type 2 Diabetes Mellitus: rationale for rational use of insulin., Mayo Clin Proc. 2003 Apr; 78(4): 459-67, Chan JL, Abrahamson MJ, Mayo Clin Proc. 2003 Apr;78(4):411-3		A

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HK	A32	Abstract, Improvement of Transmucosal Absorption of Biologically Active Peptide Drugs, Akira Yamamoto, Department of Biopharmaceuticals, Kyoto Pharmaceutical University, Misasagi 8/31/2001			A
HK	A33	Abstract, 2002 American Diabetes Association Annual Meeting, Significant Hypoglycemic Effect of a Perorally-delivered Insulin in the Treatment of Streptozocin-induced Diabetic Rats, Frank K. Leung, Jiang Li, Lanqui Huang and Emily Leung.			A
HK	A34	Abstract, Oligopeptides as Potential Insulin Drug Delivery System, Raphael M. Ottenbrite, Rui Zhao, Mamoru Haratake, Dept. of Chemistry, Virginia Commonwealth University, Richmond, VA			A
HK	A35	Abstract, Insulin loaded multilayer dextran sulfate/protamine microparticles Nadezda G. Balabushevich1, Gleb B. Sukhorukov2 and Natalia I. Larionova, 1 Department of Chemistry, Moscow State University, 119992 Russia, 2 Max-Planck Institute of Colloids and Interfaces, Golm/Potsdam, 14424, German.			A
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